SCIENCE FRONTIERS

THE LEARNING CHANNEL

Science Frontiers

What do the latest breakthroughs in superconducting mean to bus drivers in Peoria? Why



PROGRAM HIGHLIGHTS

OF BIG BANGS, STICK MEN AND GALACTIC HOLES For the last few decades cosmologists – students of the Universe – have had good reason to feel satisfied. They know that

UNRAVELLING THE UNIVERSE

The greatest scientific minds in the world grow silent when it comes to reconciling relativity and quantum theory. But

A WORLD OF IDEAS

LEATHER IV

Teacher TV is an energetic, upbeat, magazine-style show, shot on location in schools across the country



featuring candid profiles of teachers, schools and communities daring to challenge the status quo. It's a place for educators to share techniques, ideas and resources, created with

in it from thousands of educators. Produced two-million-member, National Education Association and The Learning Channel, *Teacher TV* levision's only national program for, by and all in teachers.

Tracher TV offers practical advice for teachers prents and the entire community. Go into the proom with a 12-year-old student-teacher bout to each his very first class. Visit a school that uses interactive videodiscs to teach minth-grade chemistry to sixth graders. And listen to teachers who've won the Christa McAuliffe Award explain how they use technology to enhance their teaching. Do all this and more on Teacher TV, the continuing half-hour series on The Learning Channel.

PROGRAM HIGHLIGHTS 3

TEACHER PRESENTATION in the next five to tendears. nearly half of America's teachers will retire. Who will teach America? The three segments of this episode address an educational crisis and show some unorthodox methods for training our future teachers. In the first segment, we'll to into a classroom to learn what it takes to become a teacher. In the second segment, well examine an innovative five-year training program in Maine. And the third segment will take us to Switzerland, where we'll have an opportunity to see how me of Europe's fest teacher ply their trade.

THE CHANGE OLE

With broken families of sine rise and social community services on the decline, schools and teachers are often left to take on the roles of psychiatrist, social worker, counselor, and even father and mother. But at what

cost? This episode examines what the extra pressure means to our educational system, as well as how teachers are rising to the challenge of relating to their students in new ways.

DESIGN A SCHOOL

explores three schools that have thrown out the manual

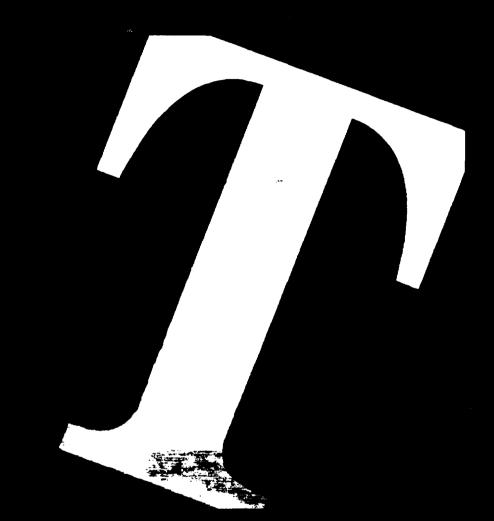
and are redesigning
themselves. We'll go on location
to Indianapolis, Indiana, upstate
New York, and Austin, Texas.
We'll meet the teachers,
parents and students who are
revolutionizing the way schools
are designed and run. And we'll
look at the difficult lessons they're
learning in the process.





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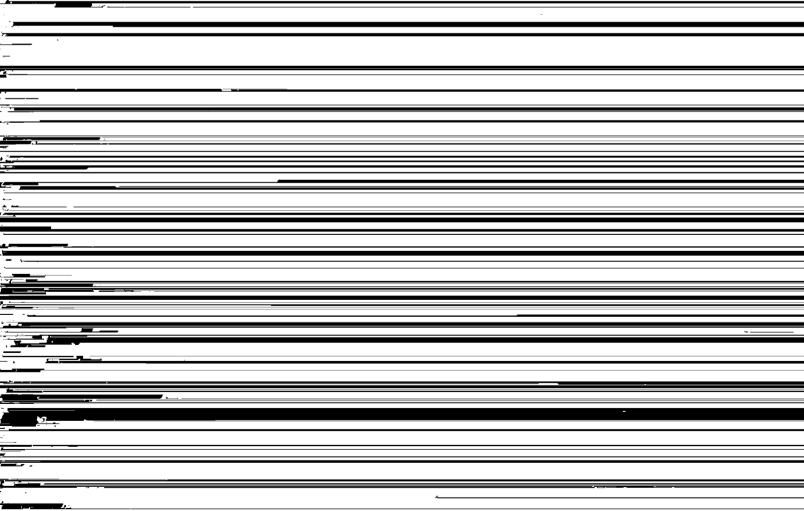
TEACHER TV

Teacher

TA







A WORLD OF IDEAS

A TRAVELER'S JOURNAL

This is not a series for people who see the world from the back of a tourist bus. This is a series for upscale, culturally aware voyagers who immerse themselves in the lands they visit. It is hosted by natives or knowledgeable "outsiders" who know these places as they know their own hearts, who can show us a country's soul as well.



Actress Diana Rigg (The Avengers) proudly brings us on a tour of the rugged west coast of her native

PROGRAM HIGHLIGHTS

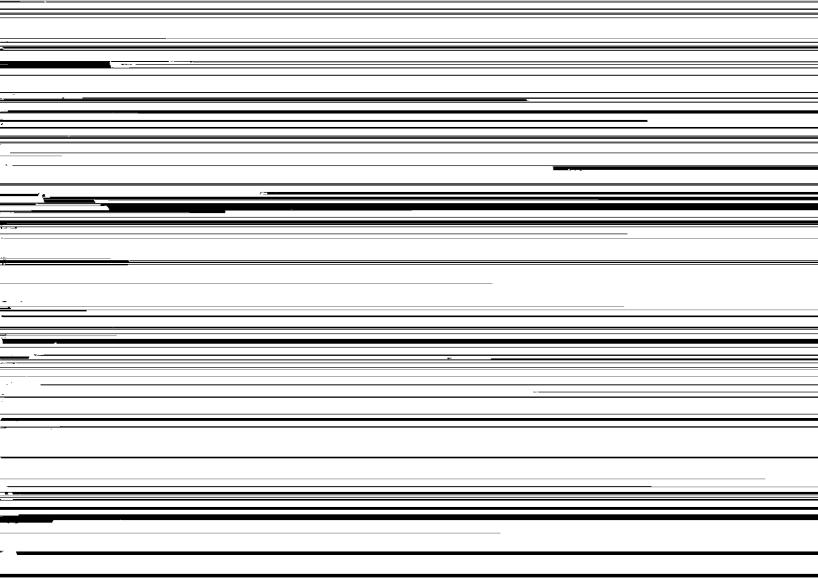
J.P. DONLEAVY'S IRELAND From a perfectly pulled pint of ale in Cavenaugh's pub in Dublin to the ruins of the cottage in Kilcoole where he began his beloved million-copy bestseller The Ginger Man, J.P. Donleavy brings us on a journey into the very heart and soul of Ireland. Donleavy is the irreverent Irish-American playwright known for his wrv commentaries on Ireland. Donleavy will share his memories, idiosvncratic insights and personal history with us against a backdrop of the emerald wthat is Ireland We'll visit.

SCOTLAND WITH DIANA RIGG

Scotland. Wild. Ancient. Rugged. It takes a native to penetrate this forbidding and close countryside peopled by the descendants of highlanders and wild men of the woods. Explore the mysteries of Castle Culzean in Southwest Scotland with Scottish native Diana Rigg. Get to know the Scottish countryside, architecture and people. And visit a selection of properties owned by the National Trust for Scotland in the Highlands. Over the course of eight epicodes, we'll case a side of







THE WORLD: A TELEVISION HISTORY

How can you stuff 10 million years of human history into 25 half-hour episodes? Ask Professor Geoffrey Barraclough, editor of *The Times Atlas of World History*, the international bestseller that's sold over 400,000 copies. He's the principal consultant for one of the most ambitious television series ever produced. Using specially designed animated maps, unique computer generated graphics, and both rare and specially commissioned footage, *The World: A Television History* provides a truly global and geographical view of human history.

The World: A Television History uses no interviewers and no presenters. The series relies entirely on innovative visual techniques to bring to life our common history. From the dawn of mankind to the end of the Cold War, The World: A Television



History breaks down world history into insightful, easyto-digest chunks.

PROGRAM HIGHLIGHTS

THE AGRICULTURAL REVOLUTION — 8000-5000 BC

When man began to selectively breed and cultivate certain animals and plants, he started down the road to controlling his environment. But what demands did agriculture and herding put on early tribal structures? How did communities eventually turn into cities? And why was the transition from hunter to farmer so important?

THE MONGOL
ONSLAUGHT — 850-1500
Genghis Khan and his Mongol
hordes were a tide of terror that
swept across the Asian steppes
and threatened to conquer the
world. How did he unite the
Mongols into a legendary
fighting force, feared for their
military prowess and superb
horsemanship? What happened
to the peoples they conquered?
And why did the Mongols
eventually disappear?

AFRICA BEFORE THE EUROPEANS — 100 - 1500 Egypt, Axum, Mali, Benin, The great civilizations of Africa — centers of learning and vast networks of trade and commerce. From their artistic



heritage to their universities, the cultures and peoples of Africa still influence our world today. But how much do we really know about them? How did the spread of the Bantu from Cameroon change the nature of sub-Saharan Africa? And what events sowed the seeds for the great kingdoms' eventual conquest and downfall?

THE END OF THE OLD ORDER — 1914-1929

By 1914 Europe was a powderkeg waiting to explode. When it blew, it took the rest of the world with it into World War I. What happened next? How did the boom of the postwar years turn into the bust of worldwide depression? And how did the end of the old order and economic catastrophe instigate the rise of the Nazis?

